

Docket Number: 071469-030467 PATENT APPLICATION

Client Reference: RAJ-003A

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In Re the Application of

NORIAKI FUKIAGE Group Art Unit: 1762

Application No.: 10/644,958 Examiner:

Filed: August 21, 2003 Confirmation No.: 7596

For: METHOD AND APPARATUS FOR DEPOSITING MATERIALS WITH TUNABLE

OPTICAL PROPERTIES AND ETCHING CHARACTERISTICS

## INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents P. O. Box 1450 Alexandria, VA 22313-1450

Sir:

Pursuant to 37 CFR 1.56, the attention of the Patent and Trademark Office is hereby directed to the references listed on the attached PTO-1449. As this application was filed after June 30, 2003, no copies of the cited U.S. patents/patent applications/ are attached. However, one copy of each of the other references is attached. It is respectfully requested that the information be expressly considered during the prosecution of this application, and that the references be made of record therein and appear among the "References Cited" on any patent to issue therefrom. Applicants respectfully request the Examiner return an initialed copy of the enclosed Form PTO-1449 to Applicants with the next Office communication to indicate that the references have been considered, per MPEP § 609.

This Information Disclosure Statement is being filed before the mailing date of the first Office Action on the merits in this application. No certification or fee is required.

These references were cited in an International Search Report, dated February 4, 2005, in a corresponding foreign application. An English Abstract is provided for JP 09-148322 and is relied upon for a statement of relevance for the reference.

Moth

Respectfully Submitted,

Registration Number 35914 Customer Number: 00909

Date: February 23, 2005 PILLSBURY WINTHROP LLP Telephone: (703) 905-2000 Facsimile: (703) 905-2500

P.O. Box 10500 McLean, VA 22102



PTO/SB/08a (08-03)
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Substitut	e for form 1449A/PTO			Complete if Known			
				Application Number	10/644,958		
INF	ORMATION DISC	CLOS	SURE	Filing Date	08/21/2003		
	ATEMENT BY AF			First Named Inventor	NORIAKI FUKIAGE		
317	AILMENT DI AI			Art Unit	1762		
	(Use as many sheets as nec	essary)		Examiner Name			
Sheet	1	of	1	Attorney Docket Number	071469-0304673		

Examiner	Cite	Document Number	U. S. PATENT Publication Date	Name of Patentee or	Pages, Columns, Lines, Where
Initials*	No.1	Number-Kind Code <sup>2 (if known)</sup>	MM-DD-YYYY	Applicant of Cited Document	Relevant Passages or Relevant Figures Appear
	1	<sup>US-</sup> 4,960,488	10-02-1990	LAW et al.	
	2	<sup>US-</sup> 2003/0039951 A1	02-27-2003	CHEUNG et al.	
	3	<sup>US-</sup> 5,669,976	09-23-1997	YUUKI et al.	
	4	<sup>US-</sup> 2003/0109147 A1	06-12-2003	KIM et al.	
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FOREIGN PATENT DOCUMENTS									
Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document  Country Code <sup>3-</sup> Number <sup>4-</sup> Kind Code <sup>5</sup> (if known)		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>€</sup>		
	A	JP	09-148322	06-06-1997	IZAWA		-		
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Examiner	Date	
Signature	Considered	

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. Applicant's unique citation designation number (optional). See Kinds Codes of USPTO Patent Documents at <a href="https://www.uspto.gov">www.uspto.gov</a> or MPEP 901.04. Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Paternal and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.



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Substitute for	form 1449B/PTO			Complete if Known			
				Application Number	10/644,958		
	RMATION DI			Filing Date	08/21/2003		
STATI	EMENT BY	APPLI	CANT	First Named Inventor	NORIAKI FUKIAGE		
				Art Unit	1762		
1	(Use as many sheets as	s necessary)	)	Examiner Name			
Sheet 1 of 1				Attorney Docket Number	071469-0304673		

NON PATENT LITERATURE DOCUMENTS							
Examiner Initials*	Cite No.1	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	Τ²				
	I	KUDOH ET AL., "Directional Plasma CVD Technology for Sub-Quarter Micrometer Feature Size Multilevel Interconnection," 1997 International Conference on Solid State Devices and Materials, Japan Society of Applied Physics (Hamamasu), p. 290-291, (Sept. 1997).					
	II	ANDOSCA, R.G. ET AL., "Silicon dioxide films deposited by electron cyclotron resonance plasma enhanced chemical vapor deposition," Journal of Applied Physics, Vol. 72 (No. 3), p. 1126-1132, (August 1, 1992).					

Examiner		Date	
Signature		Considered	

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1 Applicant's unique citation designation number (optional). 2 Applicant is to place a check mark here if English language Translation is attached.

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